In the Claims

Please amend the correspondingly numbered claims as follows:

- 1. (withdrawn) A cleaning system for cleaning semiconductor process equipment contaminated with a reaction product, the system comprising:
 - a. a component of the semiconductor process
 equipment, the component having a component
 channel contaminated with the reaction-product;
 - b. a steam source adapted to provide steam via a steam-source outlet, wherein the steam pressure is at least one atmosphere; and
 - c. a cleaning fixture having a steam input connected to the steam-source outlet and a steam output adapted to interface with the component channel;
 - d. wherein the steam source forces steam through the steam-source outlet, the cleaning fixture, and the component channel.
- 2. (withdrawn) The system of claim 1, wherein the reaction product includes aluminum and a halogen.
- 3. (withdrawn) The system of claim 1, wherein the component is a gas-diffusion plate.
- 4. (withdrawn) The system of claim 1, wherein the steam pressure is greater than 1000 psig.
- 5. (withdrawn) The system of claim 1, wherein the steam temperature is above 250 degrees Fahrenheit.
- 6. (withdrawn) The system of claim 1, further comprising a

bath of liquid, wherein at least a portion of the component is immersed in the liquid.

- 7. (withdrawn) The system of claim 6, wherein the liquid is de-ionized water.
- 8. (withdrawn) The system of claim 6, wherein the liquid comprises water and hydrogen peroxide.
- 9. (withdrawn) The system of claim 6, wherein the component channel has a channel input adapted to receive the steam and a channel output adapted to expel the steam, and wherein the channel output is immersed in the liquid.
- 10. (withdrawn) The system of claim 1, wherein the steam comprises an oxidizing agent.
- 11. (withdrawn) The system of claim 11, wherein the agent includes hydrogen.
- 12. (withdrawn) The system of claim 1, wherein the steam includes a reducing agent.
- 13. (withdrawn) A cleaning system for removing a contaminant compound of a halogen and aluminum from semiconductor process equipment, the system comprising:
 - a. a steam source adapted to provide steam via a steam-source outlet, wherein the steam pressure is at least one atmosphere; and
 - b. a steam fixture connected to the steam-source outlet and adapted to direct the steam at the contaminant compound.

14. (withdrawn) The system of claim 13, wherein the steam pressure is above 1000 psig.

- 15. (withdrawn) The system of claim 13, wherein the steam temperature is above 212 degrees Fahrenheit.
- 16. (withdrawn) The system of claim 13, wherein the semiconductor process equipment includes a component having a component channel contaminated with the contaminant compound, wherein the steam fixtures is adapted to direct steam from the steam-source outlet through the component channel.
- 17. (withdrawn) The system of claim 16, further comprising a gasket arranged between the fixture and the component.
- 18. (withdrawn) The system of claim 13, wherein the steam comprises at least one of an oxidizing agent and a reducing agent.
- 19. (Amended) A method for removing reaction products of aluminum and a halogen from semiconductor process equipment, the method comprising forcing steam through holes in the semiconductor process equipment to remove the reaction products from the holes.
- 20. (cancelled)
- 21. (amended) The method of claim [[20]] 19, wherein the halogen is fluorine.
- 22. (amended) The method of claim 19, wherein the steam <u>is</u> of a steam pressure [[is]] above one atmosphere.

23. (amended) The method of claim 19, wherein the steam <u>is</u>
of a steam temperature [[is]] above 212 degrees
Fahrenheit.

- 24. (original) The method of claim 19, wherein the equipment comprises a gas diffusion plate perforated with the holes.
- 25. (original) The method of claim 19, further comprising soaking the equipment prior to forcing the steam through the holes.
- 26. (original) The method of claim 25, wherein equipment is soaked in water.
- 27. (original) The method of claim 26, wherein the water is above 180 degrees Fahrenheit.
- 28. (amended) The method of claim 25, wherein the [[water]] equipment is soaked at a pressure greater than one atmosphere.
- 29. (cancelled)
- 30. (withdrawn) A cleaning system for cleaning semiconductor process equipment contaminated with a reaction product, the system comprising:
 - a. a component of the semiconductor process
 equipment, the component having a component
 channel contaminated with the reaction-product;
 - b. a steam source adapted to provide steam via a steam-source outlet, wherein the steam pressure is at least one atmosphere; and

c. means for forcing the steam from the steam-source outlet through the component channel.

- 31. (withdrawn) The system of claim 30, wherein the reaction product comprises aluminum and a halogen.
- 32. (withdrawn) The system of claim 30, further comprising a water bath, wherein at least a portion of the component is immersed in the water.
- 33. (withdrawn) The system of claim 30, wherein the reaction product includes a halogen.
- 34. (New) A method for removing reaction products of aluminum and a halogen from a component of semiconductor process equipment, the component having at least one component channel contaminated with the reaction product, the method comprising:
 - a. providing a steam source adapted to produce steam at a pressure greater than atmospheric pressure; and
 - b. directing the steam through the channel.
- 35. (New) The method of claim 34, wherein the halogen is fluorine.
- 36. (New) The method of claim 34, wherein the steam is of a steam temperature of at least 212 degrees Fahrenheit.
- 37. (New) The method of claim 34, wherein the equipment comprises a gas diffusion plate, and wherein the channel comprises a hole perforating the diffusion plate.

38. (New) The method of claim 34, further comprising soaking the component prior to directing the steam through the channel.

- 39. (New) The method of claim 38, wherein the component is soaked in water.
- 40. (New) The method of claim 39, wherein the water is above 180 degrees Fahrenheit.
- 41. (New) The method of claim 40, wherein the equipment is soaked at a pressure greater than one atmosphere.
- 42. (New) The method of claim 34, further comprising directing ionized gas with the steam.
- 43. (New) The method of claim 42, wherein the ionized gas includes at least one of ionized hydrogen and ionized nitrogen.
- 44. (New) The method of claim 34, wherein the component comprises aluminum.
- 45. (New) The method of claim 34, wherein the reaction product comprises a layer formed during a semiconductor etch process.
- 46. (New) The method of claim 45, wherein the semiconductor comprises silicon.